

CLIMATOLOGICAL DATA FOR DECEMBER, 1911.

DISTRICT No. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

The month opened mild and dry throughout the district, and in the extreme lower portion the moderate temperatures continued until after the 25th, but the precipitation was heavier than the normal after the 9th. In the area to the west of the 97th meridian, or more than four-fifths of the district, the first half of the month was mild and comparatively dry, while just the opposite conditions prevailed during the latter half. There were no unusual temperature extremes, and the precipitation was not very different from what might be expected in December, with the possible exception of the rain storm of the 9th-10th that affected the territory below Omaha. Drifting snows interfered with the operation of railroad trains in parts of the Dakotas and Montana, but not to any great extent when the season of the year is considered, and most other outdoor occupations were not impeded more than they normally are in December.

TEMPERATURE.

The mean temperatures were above the normal in Missouri, western Iowa, the eastern counties of Kansas, Nebraska, South Dakota, and in most of North Dakota. In the remainder of the drainage area they were deficient. The warmest day at the individual stations occurred between the 1st and 10th. In Missouri and Iowa both the 9th and 10th were warm days; in the territory to the west and northwest of Omaha the 4th was generally the warmest day of the month. Although the extreme lower part of the district had warm weather over a much longer period than the middle and western portions, the highest thermometer readings occurred at points in Wyoming, South Dakota, and Colorado. The highest reported was 68° on the 4th at Lagrange, in southeastern Wyoming. In the immediate valley of the Missouri River below Sioux City there was no really cold weather until the 28th, and the following days were cold, but not unseasonable. Cold weather prevailed in the other sections of the drainage area during the greater part of the last 15 days, but here, as in the country below Sioux City, the last 4 days were the coldest. In each of the States comprising the drainage area there were temperatures below zero; the lowest reading was 39° below on the 30th at Camp Crook, S. Dak.

PRECIPITATION.

In North Dakota, Montana, Wyoming, and north-central Colorado the sunshine was deficient, and there were frequent snows and some rain during the latter half of the month, but the total precipitation was below the normal. To the east of this area the number of days with 0.01 inch or more precipitation increased gradually, the fall of rain in the various storms was heavier, and the precipitation was greater than the seasonal average, except in north-central Nebraska and the James River Valley of South Dakota. The heaviest amounts were along the Missouri River from Sioux City to Kansas City. There was snow throughout the district; the total fall averaged about 3 inches near the mouth of the Missouri

River, and was gradually heavier progressing in a westerly direction.

The following are special remarks, made by the section directors, on snowfall in the Black Hills and that portion of the Rocky Mountains drained by the Missouri River.

South Dakota.—The fall over the extreme western counties ranged from 5 to 46 inches during the month; over Lawrence County, in the central portion of the Black Hills district, the amounts ranged from 16 to 46 inches. At the end of the month 2 to 72 inches covered the extreme western counties. As a rule the snow is fairly well packed, and the prospects for an ample water supply in the Black Hills district are more favorable than is usual at this season of the year.

Montana.—The snowfall was above the normal in October and November, but was somewhat deficient in December. In the higher mountains a large percentage of the early fall is still on the ground, and has become very solidly packed. In most of the subdrainage basins of the Missouri River there was more than the usual amount of snow on the ground at the close of December, and the general conditions were favorable for a late flow of water. In some sections the ground was frozen before being covered with snow and therefore is not in good condition to absorb the water from the melting snow, but this is largely offset by the saturated condition of the soil resulting from the rains in September and October.

Wyoming.—Over that portion of Wyoming drained by the Missouri River the precipitation for December was generally deficient, although there were slight excesses in the southeast and central counties. In October and November the precipitation was above the normal. The October snowfall was light and dry and disappeared rapidly; that which fell in November was of a more substantial character, and the greater portion of that remaining on the ground at high elevations at the end of December fell during November.

Colorado.—On the eastern and southern slopes of the Colorado mountains the snowfall was below the normal, but the deficiencies were not marked. Temperature conditions were unfavorable to melting or settling; the snow, however, is generally well packed, as high winds aided in this respect. Much of the old snow is frozen, therefore it is in a condition to remain after later snowfalls have melted. The average depth, indicated by the snow scales on the South Platte watershed, at an average elevation of 9,000 feet, was 12 inches, or 3 inches more than at the close of December, 1910. On the North Platte watershed, at an average elevation of 8,500 feet, the average depth was also 12 inches, but was 2 inches less than at the same time last year.

RIVERS.

The larger streams above Sioux City were frozen during the greater part of the month. The Missouri below Kansas City fell gradually until it was affected by the rains that occurred on the 9th-10th, when a gradual rise began. This rise reached its highest stage, 8.7 feet, at Hermann, Mo., 103 miles from the mouth of the river, on the 24th; during the remainder of the month there was a fairly rapid fall. Floating ice passed Hermann during the first three and last four days of the month.

TABLE 1.—Climatological data for December, 1911. District No. 6, Missouri Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<i>Wyoming.</i>																					
Arapahoe.	Fremont.	2																A. E. Dietz.			
Barnum.	Johnson.	5,500	6															Thos. Freeguard.			
Basin.	Bighorn.	3,862	12	28.1		51	14	- 24	29	48	0.11	- 0.16	0.25	5.1	2	23	2	O. J. Robertson.			
Bennett.	Carbon.	2																Chas. C. Young.			
Big Creek Station.	do.	7,500	2															U. S. Forest Service.			
Burns.	Laramie.	5,400	2															Alex. Hastie.			
Casper.	Natrona.	5,101	8															M. C. Cook.			
Centennial.	Albany.	8,074	8	19.0		50	4	- 8	25	30	0.18		0.06	1.7	8	6	6	Louis A. Gregory.			
Cheyenne.	Laramie.	6,088	40	24.0	- 5.0	61	4	- 3	29	35	0.29	- 0.02	0.13	2.9	5	11	16	U. S. Weather Bureau.			
Chugwater.	do.	5,282	10															A. H. Woolever.			
Clark.	Park.	4,320	5	23.8		50	1†	- 17	29	29	0.10		0.07	1.0	2	12	9	Chas. A. C. Snow.			
Cody.	do.	5,000	4	21.1		50	1†	- 19	29	36	0.03		0.02	0.3	2	13	11	D. A. Tinkcom.			
Crazy Creek.	do.	6,928	7.8			37	1	- 27	19†	40	0.18		0.05	2.3	5	10	Jas. Smith.				
Donne Lake.	Sheridan.	8,821	3	12.6		44	4	- 11	16	33	1.40		0.50	14.0	7	15	Abe Mills.				
Douglas.	Converse.	4,793	2	20.2		52	3	- 13	29	40	0.10		0.10	1.5	1	13	14	Henry C. Miller.			
Dubois.	Fremont.	6,909	4	20.6		56	3	- 13	29	40	0.10		0.40	8.0	6	18	10	Dr. F. H. Welty.			
Eatons Ranch.	Sheridan.	4,800	6	26.2		61	4	- 20	29†	43	0.80		0.60	17.0	6	20	4	F. A. Eaton.			
Echeta.	Crook.	4,200	2														M. R. Hunter.				
Elk Mountain.	Carbon.	6															Wm. Richardson.				
Encampment.	do.	7,322	2	20.2		50	4	- 15	26	45	0.10		0.03	2.3	4	2	21	U. S. Forest Service.			
Ervay.	Natrona.	6,400	2	19.4		47	2	- 12	29	30	0.90		0.25	14.5	4	14	9	Frank Jameson.			
Fort Laramie.	Laramie.	4,270	33	- 4.5		62	3	- 15	31	55	0.65	+ 0.20	0.50	6.4	7	18	10	John Hunton.			
Foxpark.	Albany.	9,015	1	11.1		48	4	- 18	18	36	1.23		0.50	8.9	8	6	16	U. S. Forest Service.			
Germany.	Bighorn.	4,312	17.1			43	1†	- 22	30	33	0.25		0.10	2.5	3	24	6	L. E. Watson.			
Gillette.	Crook.	4,546	5	21.6		46	4	- 19	29	25	2.00		0.50	22.0	8	19	7	S. D. Perry.			
Horse Creek.	Fremont.																U. S. Forest Service.				
Hunters Station.	Johnson.	8,000	5	17.8		63	4	- 20	29	43	0.41		0.19	9.0	5	20	3	Do.			
Hyattville.	Bighorn.	4,632	12	22.6	- 3.4	56	4	- 22	29	34					13	8	10	Wm. Booth.			
Jireh.	Converse.	5,050	1	22.0		60	4	- 12	29	38	0.57		0.36	9.0	2	16	9	P. L. Ford.			
Kirtley.	Park.	9,187	3														D. M. Zum Brunnen.				
Kirwin.	Crook.	4,500	2														C. L. Tewksbury.				
Knowles.	Laramie.	4,510	1	25.2		68	4	- 11	30	44	0.50		0.55	23.5	8			Owen Shupp.			
Lagrange.	Fremont.	5,372	19	12.3	- 7.0	40	5	- 17	30	40	0.84	+ 0.14	0.29	11.7	5	9	13	U. S. Weather Bureau.			
Lander.	Albany.	7,188	20	18.5	- 3.9	60	4	- 17	14	42	0.57	+ 0.25	0.22	5.7	6	22	4	University of Wyoming.			
Laramie.	Carbon.	6,878	10														C. A. Cowdin.				
Loibahaha Ranch.	Park.	7,052	7														Mary E. Painter.				
Lovell.	Bighorn.	3,825	6	17.7		49	2	- 27	29	37	0.17		0.07	2.0	3	11	9	R. Fred Harrison.			
Lusk.	Converse.	5,007	21	21.6		63	3	- 15	28	48	0.50		0.20	5.0	3			D. E. Goddard.			
Manville.	do.	5,050	1														C. A. Sherman.				
Moorcroft.	Crook.	4,111	8	18.2		45	2	- 20	29	30	2.10		1.50	18.0	6	8	9	C. T. McCampbell.			
Moore.	Albany.	6,000	10	24.8	- 4.5	55	4	- 7	29	39	0.50	+ 0.04	0.18	8.0	7	8	15	Edwin Moore.			
Newcastle.	Weston.	4,319	4	21.2		51	4	- 13	30	30	0.90		0.20	9.0	6	13	13	Dr. S. W. Johnson.			
Placeholder.	Natrona.	5,735	5	18.8		50	4	- 12	14	34	0.45		0.18	15.2	7	18	6	U. S. Reclamation Service.			
Pinebluff.	Laramie.	5,038	9	24.2		64	4	- 5	30	43*	0.66		0.42	11.0	3			C. L. Beatty.			
Pineridge.	Crook.																J. E. S. Altaffer.				
Powell.	Park.	4,376	4	21.4		48	1	- 17	30	36	0.01		0.01	0.1	1	6	21	U. S. Reclamation Service.			
Rawlins.	Carbon.	6,748	10	18.2	- 5.2	48	4	- 4	14	36	0.95	+ 0.09	0.25	13.8	11	12	13	E. J. Ehrenfeld.			
Riverton.	Fremont.	4,960	2														F. H. Allyn.				
Rocky point.	Crook.																P. Woxen.				
Saratoga.	Carbon.	6,785	13	16.4	- 6.0	51	4	- 18	25	36	0.27	- 0.91	0.13	5.4	7	10	17	G. Frederick Clark.			
Seven Mile Creek.	do.	21.9															U. S. Forest Service.				
Sheridan.	Sheridan.	3,790	18	20.4	- 0.4	53	8	- 24	29	38	0.54	- 0.19	0.40	7.3	7	10	13	U. S. Weather Bureau.			
Shoshone Dam.	Park.	5,385	5														U. S. Reclamation Service.				
Soldiers Home.	Johnson.	4,635	19	17.0	- 9.4	52	4†	- 33	29	47	0.90	+ 0.30	0.40	9.0	5	13	0	Joel C. Smiley.			
South Pass City.	Fremont.	7,873	9	10.8		41	3	- 28	30	36	0.38		0.40	15.4	9	15	9	John Sherlock.			
Sundance.	Crook.	20.0															Geo. W. Ashdown.				
Thermopolis.	Fremont.	4,350	7	7.8		53	2	- 25	27	51	0.65		0.34	7.2	4	21	9	A. L. Duhig.			
Verona.	Sheridan.	4,360	2														O. A. Roode.				
Wheatland.	Laramie.	27.8															A. de F. Snively.				
Wiant's Ranch.	Carbon.	7,400	1														Ira G. Wiant.				
Wiley.	Park.	5,375	2	23.7		54	1	- 21	29	29	0.12		0.05	1.2	3	22	7	Do.			
Woodrock.	Sheridan.																Thomas S. Harrison.				
Worland.	Bighorn.	16.6															U. S. Forest Service.				
Wyncote.	Laramie.	4,207	4	23.4		63	4	- 13	25	55	0.44		0.25	5.7	4	21	8	Prof. B. C. Buffum.			
Yellowstone Park.	Yellowstone Park.	6,200	23	15.8	- 5.8	39	5	- 16	29	32	1.01	- 0.81	0.30	10.1	12	6	10	U. S. Reclamation Service.			
Fairview Dome.	do.	7,000	6	8.8		39	6	- 24	19	49	0.70		0.60	5.0	2	24	4	U. S. Weather Bureau.			
Fountain.	do.	7,220	5														U. S. Army.				
Gallatin.	do.																Do.				
Grand Canyon.	do.	7,900	4														Do.				
Lake Yellowstone.	do.	7,733	7														Do.				
Norris.	do.	5,755	5														Do.				
Riverside.	do.	6,500	5														Do.				
Sylvan Pass.	do.	7,000	4	13.3		40	2	- 13	29	39	0.60		0.20	8.0	5	13	0	Do.			
Thumb.	do.	7,772	5														Do.				
Tower Falls.	do.	6,250	2	5.1		22	15†	- 16	30	29	1.10		0.50	11.0	3	17	2	Do.			
Upper Geyser Basin.	do.	7,395	7														Do.				
<i>Montana.</i>																					
Adel.	Cascade.	5,200	13	23.0	- 3.6	61	4	- 32	29	43	1.90	+ 0.76	0.60	19.0	6	12	5	w.			
Agricultural College.	Gallatin.	4,700	14	20.6	- 4.1	47	4	- 21	29	42	0.65	- 0.39	0.20	7.1	8	3	19	se.			
Augusta.	Lewis and Clark.	6,500	13	20.0	- 7.6	54	2	- 36	29	56	0.30	- 0.19	0.20	3.0	2	20	7	w.			
Babb.	Teton.	4,461	5	21.6		58	4	- 38	29	34	0.40		0.30	4.0	2	5	18	U. S. Reclamation Service.			

TABLE 1.—*Climatological data for December, 1911. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, melted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	
Montana—Continued.																			
Cabin Creek.	Beaverhead.	3,644	16	18.8	-3.3	45	1	-18	29†	39	0.36	-0.06	0.13	6.5	4	16	6	9	W. J. Crowell.
Canyon Ferry.	Lewis and Clark.	3,631	7	26.8	-	58	4	-34	29	40	0.65	-	0.23	8.3	7	10	7	14	A. C. Pratt.
Cascade.	Cascade.	5,275	3	19.3	49	4	-30	29	50	0.83	-	0.15	12.3	11	27	0	4	Dr. E. E. James.	
Chester.	Chouteau.	3,140	8	18.4	-	48	9†	-33	31	34	0.40	-	0.20	4.0	3	10	13	C. D. Schmidt.	
Chinook.	do.	2,502	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E. D. Keith.	
Clearcreek.	do.	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T. O' Hanlon Co.	
Clemmons.	Lewis and Clark.	4,672	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cortez Sedgewick.	
Clydepark.	Park.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Fred Eberl.	
Conrad.	Teton.	-	20.8	-	-	52	4	-31	28	52	-	-	0.08	4.5	7	11	8	12	Dr. T. B. Marquis.
Copper.	Meagher.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	I. S. Martine.	
Crow Agency.	Rosebud.	3,041	29	22.0	-2.8	51	8	-26	29	33	1.44	+ 0.69	0.65	11.2	9	2	8	21	nw.
Culbertson.	Valley.	1,927	9	-	-	-	-	-24	30	-	0.50	+ 0.23	0.40	5.0	2	6	11	14	nw.
Cummings.	Carbon.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	J. W. Brimmer.	
Cut Bank.	Teton.	3,700	13	20.4	-3.3	57*	7	-28	29†	43*	0.10	-0.53	0.10	0.5	1	26*	0*	4*	Chas. N. Thomas.
Denton.	Fergus.	3,500	3	25.4	-	58	3	-26	30	35	0.21	-	0.10	4.0	4	12	7	12	P. J. Grelzener.
Dillon.	Beaverhead.	5,147	14	27.9	+ 1.1	56	8†	-20	29	35	0.80	+ 0.02	0.41	8.5	5	13	10	8	Prof. J. E. Monroe.
Dirty Creek.	Meagher.	6,000	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Lewis Cameron.	
Dry Creek.	Broadwater.	5,500	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	J. C. Stuart.	
Dry Wolf Camp.	Cascade.	6,000	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Mrs. R. J. Eveleth.	
East Gallatin River.	Galatin.	6,000	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	John Eberhart.	
Ekalaka.	Custer.	-	11	22.2	-0.2	60	4	-30	29†	34	-	-	-	-	-	-	-	Wm. Freese.	
Elkhorn.	Jefferson.	6,576	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	James Heagan.	
Fallon.	Custer.	2,208	7	19.0	-	49	2†	-32	30	40	0.32	-	0.13	23.0	15	10	6	15	w.
Fish Creek.	Silver Bow.	8,500	2	17.6	-	46	3†	-20	29	30	0.78	-	0.22	2.2	2	17	10	4	A. C. Gifford.
Flathead Creek.	Galatin.	6,000	1	23.3	-	56	2	-26	29	41	0.74	-	0.30	26.4	3	7	15	9	O. B. Tilton.
Fort Benton.	Chouteau.	2,630	32	23.8	+ 0.7	54	2	-25	29	33	0.50	-0.07	0.20	11.5	13	11	11	Alta Williams.	
Fort Shaw.	Cascade.	3,500	23	25.2	-0.2	59	4	-32	29	64	0.29	-0.18	0.13	4.1	5	5	14	12	Jere Sullivan.
Fort Harrison.	Lewis and Clark.	4,004	8	20.6	-	46	7	-28	29	31	-	-	-	-	-	-	-	U. S. Reclamation Service.	
Foster.	Yellowstone.	-	2	22.4	-	55*	1	-30*	30	44*	0.42	-	0.28	3.4	5	11*	8*	11a	Post Hospital.
Garnett.	Fergus.	5,500	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E. K. Bowman.	
Glasgow.	Valley.	2,092	15	13.6	-2.0	40	23	-26	30†	39	0.27	-0.28	0.12	2.7	4	14	7	10	W. M. Leonard.
Glendive.	Dawson.	2,069	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E. C. Leonard.	
Goldbutte.	Chouteau.	-	4	20.0	-	49	4	-25	30†	32	0.22	-	0.13	6.0	3	8	14	9	n.
Graham.	Custer.	6,000	6	22.2 ^b	-	48 ^b	2	-33 ^b	29	41	0.45	-	0.14	4.0	7	12*	4*	7*	sw.
Grayling.	Galatin.	6,700	6	14.6	-	32 ^b	9	-25	19†	45*	1.01	-	0.41	12.0	7	9*	7	13*	ne.
Great Falls.	Cascade.	3,350	20	26.0	-5.4	55	3†	-24	29	31	0.75	+ 0.23	0.21	9.1	7	10	13	8	sw.
Half Way House.	Broadwater.	6,000	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Gordon Deans.	
Harlowton.	Meagher.	4,165	4	23.2 ^e	-	58 ^e	3	-24 ^e	30	39	0.10	-	0.10	1.0	1	7*	7*	12*	Joseph Muir.
Havre.	Chouteau.	2,505	32	22.2	+ 1.0	49	8	-28	31	39	0.33	-0.30	0.28	3.3	4	9	11	11	U. S. Weather Bureau.
Helena.	Lewis and Clark.	4,110	32	23.0	-1.8	46	8	-19	29	25	0.30	-0.50	0.12	5.5	6	5	12	14	Do.
Hightwood.	Chouteau.	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	W. S. McCord.	
Huntley.	Yellowstone.	3,014	6	26.3	-	55	2†	-28	30	44	0.26	-	0.10	6.6	5	8	21	2	U. S. Reclamation Service.
Jones Canyon.	Galatin.	6,800	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	James McCune.	
Jordan.	Dawson.	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	W. C. Henderson.	
Knobles Ranch.	Chouteau.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	F. H. Knoble.	
Lewistown.	Fergus.	4,010	14	23.7	-3.0	61	4	-29	29	43	0.57	-0.25	0.12	7.7	11	14	10	7	W. W. Watson.
Lonetree.	Chouteau.	3,230	6	27.4	-	57	1	-26	30	33	0.51	-	0.20	5.0	4	14	2	15	E. Wilson.
Malta.	Valley.	2,240	6	17.2	-	46	5†	-30	31	42	0.24	-	0.14	1.5	2	18	10	3	U. S. Reclamation Service.
Medicine Lake.	do.	1	14.0	-	-	36	2†	-27	30	40	0.08	-	0.05	4.0	2	22	10	6	I. S. Collier.
Mildred.	Custer.	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Leon B. Clark.	
Miles City.	do.	2,371	20	21.7	+ 0.7	54	8	-23	30	38	1.51	+ 0.89	0.55	13.4	6	14	9	8	U. S. Weather Bureau.
Norris.	Madison.	4,845	5	24.9	-	56	4	-16	29	51	0.47	-	0.15	4.5	7	7	4	20	Madison River Power Co.
Nye.	Sweet Grass.	3	22.8	-	-	59	4	-29	29	41	0.39	-	0.17	6.6	5	15	8	sw.	
Olsen Creek.	Jefferson.	6,345	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	F. L. Bryant.	
Pipestone Pass.	do.	7,000	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Robert Olsen.	
Poplar.	Valley.	2,020	26	15.8	+ 1.4	43	8†	-27	30	30	0.10	-0.38	0.23	23.0	8	16	11	4	Mrs. T. Kiermeyer.
Red Lodge.	Carbon.	5,548	12	17.8	-6.8	47	1	-28	29	41	0.52	-0.10	0.22	6.5	5	10	14	7	H. M. Cosier.
Remova.	Jefferson.	4,383	13	24.8	-2.1	51	1†	-19	29	35	0.11	-	0.05	1.2	3	8	10	13	I. A. Draper.
Ryegate.	Musselshell.	3,640	2	24.2	-	60	1	-29	29	42	-	-	-	-	-	-	-	F. B. Elmer.	
Seville.	Teton.	3,980	3	20.8	-	56	4	-28	29	40	-	-	-	-	-	-	-	H. Scherfenberg.	
Shelby.	do.	3,276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	U. S. Reclamation Service.	
Sidney.	Dawson.	-	1	19.9	-	43	9	-24	30	32	0.41	-	0.11	4.2	6	18	4	9	C. D. Kicher.
Spokane Ranch.	Lewis and Clark.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Fred W. Arndt.	
Springbrook.	Dawson.	10	20.2	-0.1	51	4	-32	29	33	0.61	-0.52	0.28	6.1	7	8	8	15	O. E. Penwell.	
Stearns.	Lewis and Clark.	4,500	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Mrs. H. L. Miller.	
Sunlit Farm.	Chouteau.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	J. W. Hardgrove.	
Sum River Canyon.	Teton.	4,650	-	25.7	-	50	1†	-30	29	35	0.11	-	0.07	4.0	2	4	20	7	nw.
Three Forks.	Galatin.	4,066	1	-	-	48	8†	-24	30	33	0.40	-	0.20	4.0	3	10	7	14	w.
Tokna.	Dawson.	2,050	6	20.2	-	50	3†	-33	30	38	0.04	-	0.25	25.2	9	21	1	7	A. Weidenbauer.
Trall Creek.	Park.	6,000	3	-	-	50	3	-31	29	45	0.20	-0.37	0.10	5.0	4	23	6	2	P. W. Korell.
Utica.	Fergus.	5,000	17	25.6	-2.4	60	3	-31	29	45	0.08	-0.34	0.04	3.0	1	18	3	10	B. M. Bean.
Valentine.	do.	5	22.3	-	-	53	4	-27	29	34	0.04	-	0.02	3.5	2	10	11	11	H. J. Saunders.
Valier.	Teton.	-	-	23.8	-	53	4	-27	29	34	0.04	-	0.04	3.0	1	18	3	10	M. Mailand.
Virginia City.	Madison.	5,880	23	20.2	-2.5	51	4	-18	29	30	1.00	+ 0.24	0.25	10.0	6	14	7	10	nw.
Wall Rock Mountain.	Broadwater.	5,600	3	-	-	50	3	-23	31	38									

TABLE 1.—Climatological data for December, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<i>North Dakota—Contd.</i>																					
Flasher.	Morton.	1,439	13	15.0	+ 0.7	40	9	- 18	28†	27	1.00	+ 0.26	0.52	10.0	4	12	5	14	nw.	W. R. Shortridge.	
Fullerton.	Dickey.	1,901	2	15.2	+ 0.3	41	4	- 27	31	28	0.36	- 0.16	0.15	3.6	4	3	7	21	nw.	F. O. Alin.	
Garrison.	McLean.	1,901	4	19.4	-	61	4	- 33	31	47	0.22	-	0.13	5.0	5	18	3	10	nw.	G. L. Robinson.	
Haley.	Bowman.	2,253	5	19.4	-	58	4	- 30	31	36	0.49	-	0.20	4.0	3	10	12	9	nw.	A. O. Lawrence.	
Hettinger.	Divide.	2,275	5	12.4	-	37	9	- 28	30	28	0.50	-	0.40	5.2	2	10	9	13	nw.	W. R. Lanxon.	
Howard (near).	Stutsman.	1,390	24	16.8	+ 1.6	46	9	- 21	31	28	0.72	- 0.03	0.25	7.2	5	9	0	26	nw.	C. P. Amsbaugh.	
Jamestown.	Kidder.	4	13.1	-	42†	9	- 26	31	28†	T.	-	-	T.	T.	0	13	2	16	nw.	Thos. Pettigrew.	
Lamoine.	Eddy.	2	13.6	-	39	9	- 23	31	27	0.65	-	0.20	6.5	5	5	10	10	nw.	E. V. Virgin.		
McHenry (near).	Bowman.	4	-	12.2	-	38*	2	- 23	31	35†	0.30	-	0.20	3.0	2	12	7	12	nw.	John Knox.	
Marmarth (near).	Stutsman.	2,225	15	20.0	- 0.4	52	6†	- 30	28	46	0.53	+ 0.05	0.30	5.3	5	13	3	15	w.	S. P. Crane.	
Marstonmoor.	Billings.	1,590	14	15.2	+ 3.2	44	5	- 26	31	36*	0.30	+ 0.01	0.30	3.0	1	-	-	-	sw.	H. H. McCumber.	
Medora.	Foster.	1,531	2	-	-	49	4	- 29	30	30	0.67	-	0.30	6.2	6	11	9	11	e.	J. W. Hesser.	
Melville.	Hettinger.	2,163	5	17.2	-	45	9	- 24	31	25	0.37	-	0.12	3.5	5	10	8	13	nw.	J. P. Kidder.	
Mott.	Logan.	1,955	20	13.1	0.0	40	9	- 27	31	36	0.40	- 0.22	0.20	4.0	4	13	2	16	nw.	O. H. Opland.	
Napoleon.	Hettinger.	2,400	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	c.	C. J. Hoof.	
New England.	Eddy.	1,531	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	J. L. McGovern.	
New Rockford.	Morton.	2,163	5	17.2	-	45	9	- 24	31	31	0.29	-	0.20	2.5	2	12	10	9	nw.	J. V. M. Sundberg.	
New Salem.	Adams.	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	J. Christiansen.	
Orange.	McKenzie.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	J. E. Goforth.	
Schafer.	Kidder.	1,857	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	Lundin Bros.	
Steele.	McLean.	1,731	8	17.3	+ 3.0	44	9	- 24	30	31	0.59	- 0.07	0.21	6.3	13	5	10	10	16	w.	B. C. Smith.
Washburn.	Williams.	1,875	32	16.6	+ 3.0	44	9	- 24	30	26	0.59	-	-	-	-	-	-	-	s.	W. R. Peterson.	
Williston.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	U. S. Weather Bureau.	
<i>South Dakota.</i>																					
Aberdeen.	Brown.	1,300	21	15.6	- 0.7	40	4†	- 15	28†	31	1.00	+ 0.12	0.30	10.0	6	13	7	11	s.	D. G. Gallett.	
Academy.	Charles Mix.	12	24.4	+ 1.5	50	4†	- 13	30†	32	0.60	- 0.21	0.50	6.2	4	12	9	10	nw.	I. T. Lothrop.		
Alexandria.	Hanson.	1,352	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	al.	Albert Hill.	
Ardmore.	Fall River.	3,557	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	c.	C. B. & Q. R. Co.	
Armour.	Douglas.	1,521	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	T. J. Markey.	
Bellefourche.	Butte.	3,000	3	22.4	-	51	8	- 27	30	42	1.11	-	0.93	16.1	3	7	13	11	nw.	U. S. Reclamation Service.	
Brookings.	Brookings.	1,636	22	20.8	+ 1.7	45	9	- 14	28	29	0.42	- 0.15	0.22	4.1	6	14	7	10	nw.	Experiment Station.	
Bryant.	Hamlin.	1,846	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	J. W. Ault.	
Camp Cook.	Harding.	3,000	19	20.9	53	10	- 39	30	36	0.89	+ 0.60	0.50	10.2	9	17	7	17	nw.	U. S. Forest Service.		
Canton.	Lincoln.	1,248	16	21.9	0.0	53	9	- 21	28	36	0.55	- 0.09	0.32	12.0	2	20	3	8	s.	John H. Holsey.	
Cascade Springs.	Fall River.	3,422	3	22.2	-	61	4	- 23	31	43	0.82	-	0.46	8.3	4	15	7	9	nw.	Fred Noerenberg.	
Castlegrove.	Hamlin.	1,685	5	19.3	-	47	5	- 15	28	30	0.15	-	0.06	2.2	5	10	6	15	nw.	M. N. Bradley.	
Centerville.	Turner.	1,229	14	- 0.5	53	6	- 15	28	34	0.96	+ 0.07	0.30	9.4	7	3	13	15	nw.	Frank Williams.		
Chamberlain.	Brule.	1,303	14	24.4	+ 2.2	50	3	- 13	30	36	0.60	-	-	-	-	-	-	-	s.	W. B. Van Horn.	
Clark.	Clark.	1,779	17	18.6	0.0	47	5	- 18	31	27	0.90	+ 0.30	0.20	9.0	8	12	9	10	nw.	O. H. La Craft.	
Cottonwood.	Stanley.	2,414	3	23.8	-	58	4	- 23	31	39	0.61	-	0.20	6.0	7	7	18	6	nw.	Experiment Station.	
Custer.	Custer.	5,316	-	-	-	60	4	- 28	29	40	0.76	-	0.40	6.5	4	15	13	3	s.	R. P. Imes.	
Daviston.	Perkins.	2	20.8	-	-	62	4	- 22	29†	43	2.15	-	1.05	25.2	8	15	9	7	nw.	P. A. Sattber.	
Deadwood.	Lawrence.	4,535	2	23.8	-	62	4	- 22	29†	43	2.15	-	0.10	7.8	11	14	13	4	nw.	R. E. Grimshaw.	
Deerfield.	Pennington.	6,000	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	Frank E. Miller.	
De Smet.	Kingsbury.	1,726	18	19.5	+ 1.4	49†	5	- 15	30†	32†	0.62	- 0.04	0.40	6.2	4	18	2	11	nw.	J. O. Purinton.	
Dowling.	Stanley.	2,250	2	-	-	57	4	- 21	30†	37	0.50	-	0.20	5.0	3	11	11	9	nw.	M. P. Dowling.	
Dumont.	Lawrence.	6,195	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	A. B. Wood.	
Eagle Butte.	Eales.	2,415	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	Dr. John F. Chandler.	
Edison.	Meade.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	A. H. Peterson.	
Elk Mountain.	Custer.	4,700	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	J. C. Stoner.	
Englewood.	Lawrence.	5,723	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	J. E. Blaine.	
Eureka.	McPherson.	1,884	2	16.2	-	44	4†	- 18	29	29	0.80	-	0.25	8.0	6	8	12	11	nw.	T. J. Cummings.	
Fairfax.	Gregory.	7	-	24.6	-	56	4†	- 14	30	35	0.76	-	0.53	6.5	4	20	3	8	nw.	U. G. Stevenson.	
Faulkton.	Faulk.	1,595	16	19.3	+ 1.3	46	4†	- 17	30	31	0.74	+ 0.31	0.36	7.0	5	17	3	11	nw.	Miss Belle Talcott.	
Flandreau.	Moody.	1,565	21	21.4	+ 3.2	48	4†	- 17	28	29	0.82	+ 0.14	0.40	8.2	6	6	18	12	s.	W. A. Harris.	
Forestburg.	Sanborn.	1,231	19	21.3	+ 2.0	56	5	- 18	31	40	0.94	+ 0.38	0.64	9.4	3	17	6	8	nw.	S. S. Judy.	
Frederick.	Brown.	1,371	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	J. E. Jeffers.	
Gann Valley.	Buffalo.	13	23.2	+ 4.7	58*	6†	- 11	29	36	0.50	- 0.26	0.40	5.0	3	15	8	8	nw.	A. L. Hanson.		
Greenmont.	Lawrence.	6,430	2	26.4	+ 0.7	58	5†	- 11	30	37	0.57	- 0.10	0.30	5.7	7	12	16	3	nw.	H. C. Hoffbaur.	
Greenwood.	Charles Mix.	17	-	-	-	50	4	- 28	26	43	0.58	-	0.20	5.8	8	11	9	11	nw.	T. C. Williamson.	
Hardy Ranger Station.	Stanley.	22.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	Mrs. Laura Sinclair.	
Harvey's Ranch.	Lawrence.	0,600	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	Mrs. Ennie A. Gundlach.	
Hermosa.	do.	6,282	1	-	-	64	4	- 19	28†	37	0.73	-	0.31	7.8	5	17	8	6	nw.	Jerome Harvey.	
Highmore.	Hyde.	3,278	5	24.6	-	56	9	- 22	30	38	0.44	+ 0.03	0.20	4.8	8	14	6	11	nw.	S. M. Booth.	
Hopewell.	Stanley.	1,890	15	19.7	0.0	56	5	- 20	30	41	0.61	-	0.21	6.1	5	19	5	16	nw.	Experiment Station.	
Howard.	Miner.	1,564	19	16.0	- 2.8	52	3	- 19	30	42†	0.47	-	0.04	11.0	8	18	1	12	nw.	E. R. Myers.	
Howell.	Hand.	1,911	9	19.1	-	57	5	- 20	30	41	0.61	-	0.21	6.1	5	19	5	16	nw.	M. A. Shuster, jr.	
Huron.	Beadle.	1,306	29	20.2	+ 4.5	52	5	- 17	31	34	0.5										

TABLE 1.—Climatological data for December, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
South Dakota—Contd.																					
Plankinton.	Aurora.	1,528	17	5	15.8	45	10	-20	31	5	0.89	+ 0.26	0.35	8.9	5	15	6	10	nw.	W. G. Andrews.	
Pollock.	Campbell.	5	23	25.2	- 0.8	57	4	-19	2	0	0.73	+ 0.32	0.48	7.8	6	16	3	12	nw.	J. H. Jones.	
Rapid City.	Pennnington.	3,251	23	25.2	—	60 ^b	4	-19 ^b	30	9 ^b	1.04	—	0.36	17.1	11	13	13	5	nw.	U. S. Weather Bureau.	
Redfield.	Spink.	1,295	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	A. S. Hall.		
Rochford.	Pennnington.	5,228	1	24.4	- 0.3	60 ^b	4	-19 ^b	30	9 ^b	0.88	- 0.24	0.30	8.8	7	16	6	9	nw.	Mrs. M. E. Deffenbaugh.	
Rosebud.	Todd.	2,600	17	5	16.5	40	9	-18	31	8	0.25	—	0.05	2.5	7	11	7	13	nw.	W. M. Ege.	
Roslyn.	Day.	3	17.2	—	38	1 ^b	-22	31	0	0.49	—	0.21	4.7	4	15	2	14	nw.	O. O. Floren.		
Selby.	Walworth.	—	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Miss Gertrude Hall.		
Sioux Falls.	Minnehaha.	1,400	20	22.8	—	53	4 ^b	-29	29	30	1.11	—	0.41	5.5	5	10	11	10	w.	J. H. Bechtold.	
Sorum.	Perkins.	—	21	25.5	- 4.5	56	5	-23	29	27	1.50	+ 0.67	1.00	15.0	4	16	9	6	nw.	M. S. Eberhart.	
Spearfish.	Lawrence.	3,647	21	25.5	—	56	5	-23	29	27	1.50	+ 0.67	—	—	—	—	—	—	A. E. Johnson.		
Stephan.	Hyde.	1,840	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Rev. A. Mattingly.		
Tama.	Meade.	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Monte Frank.		
Timber Lake.	Dewey.	2,163	14	24.8	- 0.1	54	4 ^b	-14	30	36	0.39	- 0.25	0.21	7.0	4	16	6	9	nw.	R. T. Halihan.	
Tyndall.	Bonhomme.	1,418	14	24.8	—	54	4 ^b	-14	30	36	0.39	- 0.25	0.47	7.5	5	14	7	10	nw.	F. F. Chladek.	
Vale.	Butte.	2,765	3	21.8	—	53 ^b	8	-25 ^b	31	39 ^b	0.58	—	0.40	9.5	4	14	5	12	nw.	U. S. Reclamation Service.	
Vermillion.	Clay.	1,222	10	25.5	+ 2.0	54	9	-13	30	30	1.22	+ 0.40	0.70	17.7	8	16	4	11	nw.	Prof. E. C. Perisho.	
Watertown.	Lawrence.	4,000	1	18.0	+ 0.9	46	9	-13	28 ^b	29	0.34	- 0.12	0.14	—	2	12	5	14	s.	George Waters.	
Wentworth.	Codington.	1,735	17	20.5	+ 2.8	48	4 ^b	-13	28 ^b	30	0.52	- 0.12	0.18	5.2	4	20	2	9	nw.	Robert Q. Wood.	
Wessington Springs.	Lake.	—	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	R. C. Zimmerman.		
White Lake.	Jerome.	1,410	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Mrs. N. J. Dunham.		
Yankton.	Aurora.	1,646	2	24.5	+ 2.3	53	5	-13	29	30	0.47	—	0.32	—	2	9	8	14	nw.	Mrs. G. A. Rogers.	
	Yankton.	1,234	37	—	—	—	—	—	—	—	—	—	0.47	9.7	5	8	10	13	nw.	U. S. Weather Bureau.	
Colorado.																					
Akron.	Washington.	4,650	9	—	—	—	—	—	—	—	0.22	—	0.22	8.0	1	—	—	—	Ira M. Barnhouse.		
Albion Lake.	Boulder.	10,500	1	—	—	—	—	—	—	—	0.91	—	0.27	15.5	9	13	4	14	w.	Fred R. Dungan.	
Arriba (near).	Lincoln.	5,243	5	23.4	—	62	4	-20	30	38	0.99	—	0.56	7.0	3	22	5	4	nw.	C. A. Creel.	
Auldhurst.	Teller.	8,500	1	—	—	—	—	—	—	—	0.82	—	0.33	10.8	5	13	12	6	s.	Mrs. Alice A. Auld.	
Bennett (near).	Arapahoe.	5,484	3	—	—	—	—	—	—	—	0.30	—	0.17	5.3	3	—	—	—	nw.	J. F. Egelhoff.	
Boulder.	Boulder.	5,347	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	O. H. Wangelin.		
Burlington.	Kit Carson.	4,160	8	25.0	—	65	4	-18	30	40	1.15	—	0.52	15.0	4	15	11	5	nw.	W. P. Davis.	
Cassels.	Park.	8,445	1	—	—	—	—	—	—	—	0.37	—	0.25	6.7	2	18	18	6	e.	Harriet M. Cassell.	
Castle Rock.	Douglas.	6,220	19	22.6	- 5.9	65	6	-18	26	50	1.06	+ 0.33	0.40	17.5	6	22	1	8	ne.	Thos. P. Vaughn.	
Cheesman.	Jefferson.	6,890	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	J. G. Thornburg.		
Cheyenne Wells.	Cheyenne.	4,279	17	24.7	- 5.4	65	4	-18	30	46	2.10	+ 1.73	1.00	12.0	4	23	3	5	n.	J. W. Adams.	
Cope.	Washington.	14	20.6	—	—	66	4	-32	30	67	1.71	+ 0.97	0.60	16.6	5	15	7	9	nw.	A. A. Williams.	
Corona.	Grand.	11,660	4	3.4	—	40	4	-17	31	29	2.84	—	0.38	24.5	13	—	—	—	U. S. Weather Bureau.		
Denver.	Denver.	5,272	39	27.4	- 4.8	66	4	—	5	29	35	0.34	- 0.26	0.12	5.9	6	17	9	5	s.	Do.
Edgewater.	Jefferson.	5,450	3	25.3	—	67	4	—	8	26 ^b	49	0.32	—	0.20	4.8	2	18	7	6	w.	Dr. N. P. Levin.
Estes Park Hatchery.	Larimer.	8,000	2	—	—	—	—	—	—	—	0.30	—	0.10	6.0	4	2	12	17	w.	G. H. Thomson.	
Fort Collins.	Weld.	4,983	29	23.6	- 5.6	63	5	—	8	27	49	0.37	+ 0.03	0.11	4.6	5	16	9	6	nw.	Colorado Agri. College.
Fort Lupton.	Weld.	4,907	1	—	—	—	—	—	—	—	0.22	—	0.22	8.0	1	—	—	—	w.	R. W. Benedict.	
Fort Morgan.	Morgan.	4,319	13	21.2	- 5.7	62	4 ^b	-19	27	55	0.40	+ 0.20	0.35	6.0	2	17	9	5	nw.	Della M. Scott.	
Frances.	Boulder.	9,300	6	20.9	—	61	4	-6	27	28	0.53	—	0.23	8.0	7	12	13	6	w.	C. W. Barry.	
Frys Ranch.	Larimer.	7,500	1	22.6	—	60	4	—	5	14	36	0.19	—	0.10	4.0	3	18	10	3	w.	Norman W. Fry.
Georgetown.	Clear Creek.	8,550	9	—	—	—	—	—	—	—	0.22	—	0.06	3.5	5	5	14	12	nw.	H. L. Corbett.	
Greely.	Weld.	4,649	20	22.4	- 5.5	66	6	-15	27	53	0.52	+ 0.23	0.24	8.5	4	22	5	4	e.	Nelson Reynolds.	
Grover.	Weld.	5,076	19	24.4	—	60 ^b	5	—	7 ^b	27	36	0.37	—	0.37	2.0	1	13 ^a	8 ^a	9 ^a	nw.	D. M. Porter.
Hartsel.	Park.	8,892	2	—	—	—	—	—	—	—	0.06	—	0.02	5.0	4	17	6	8	w.	Emily Kleinknecht.	
Hawthorne.	Boulder.	6,000	2	—	—	—	—	—	—	—	0.28	—	0.15	6.0	3	19	6	6	w.	B. E. Chesebro.	
Holyoke (near).	Phillips.	3,745	15	—	—	—	—	—	—	—	0.75	+ 0.42	0.75	7.0	3	21	5	5	w.	A. C. Cauble.	
Idaho Springs.	Clear Creek.	7,543	11	23.8	- 5.5	59 ^b	4	—	3 ^b	14	37 ^b	0.20	- 0.24	0.09	3.5	3	8 ^c	14 ^c	6 ^c	nw.	J. J. Willis.
Keota.	Weld.	4,966	—	—	—	—	—	—	—	—	0.13	—	0.13	2.0	1	23	2	6	nw.	I. S. Griffin.	
LaPorte.	Larimer.	5,033	20	—	—	—	—	—	—	—	0.25	- 0.19	0.10	4.0	3	—	—	—	—	P. A. Taft.	
Leroy (near).	Logan.	4,380	22	—	—	—	—	—	—	—	0.92	+ 0.47	0.88	8.8	4	23	4	4	sw.	Chas. Green.	
Longmont.	Boulder.	4,950	10	21.1	- 6.7	60	3	-14	13	51	0.20	- 0.22	0.05	4.8	6	23	4	4	sw.	Great Western Sugar Co.	
Longs Peak (near).	Larimer.	8,600	16	19.6	- 5.2	55	5	-14	26	41	0.51	- 0.06	0.27	8.0	4	12	10	9	n.	Enos A. Mills.	
Lulu Pass.	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	A. M. McCahan.		
Moraine Park.	—	7,775	21	21.5	- 5.3	60 ^b	4	—	14	40 ^b	0.05	- 0.53	0.05	1.0	1	16 ^a	14 ^a	0 ^a	w.	Chas. A. Chapman.	
Platte Canon.	Jefferson.	5,492	12	—	—	—	—	—	—	—	0.08	- 0.43	0.05	7.0	3	20	9	11	sw.	Denver Union Water Co.	
Saint Cloud.	Larimer.	7,750	8	—	—	—	—	—	—	—	0.35	—	0.15	7.0	3	17	11	3	nw.	Miss Guilla Sivers.	
Sedgwick.	Sedgwick.	3,538	3	23.8	—	63	4	-20	30	50	0.50	—	0.40	8.0	3	10	15	6	sw.	Edwin Lewis, M. D.	
Sill Mine.	Clear Creek.	11,500	2	10.0	—	46	5	-15	27	34	1.38	—	0.35	14.5	9	16	7	8	w.	Chas. F. Defininger.	
Spicer (near).	Jackson.	8,700	1	—	—	—	—	—	—	—	0.16	—	0.09	2.5	3	25	4	2	w.	Frank W. Murphy.	
Sterling.	Logan.	3,892	2	22.8	—	61	4 ^b	-19	30	47	0.43	—	0.16	0.29							

TABLE 1.—Climatological data for December, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	
Nebraska—Continued.																			
Broken Bow	Custer.	2,477	17	24.0	- 4.2	55	6	- 10	30	36	0.70	+ 0.26	7.0	x	18	3	10	n.w.	C. B. & Q. R. R. Co.
Bruning	Thayer.	1,583	1								1.87		0.86	7.8	7	16	9	n.w.	Henry Middendorf.
Burgo	Cherry.	2,674	5	24.4		65	5	- 17	29	42	0.65		0.35	8.0	2	15	9	n.w.	H. A. Davis.
Butte	Boyd.	6	24.4			57	4†	- 13	30	34	0.46		0.38	5.0	2	9	12	n.w.	W. Whittle.
Cairo	Hall.	1,951	3								1.38		0.95	10.5	3				Elliott Harrison.
Callaway	Custer.	2,555	19	27.8	+ 0.5	58	5	- 9	31	42	0.55	+ 0.07	7.0	2	19	5	7	n.w.	J. H. Evans.
Cambridge	Furnas.	2,258	5	24.3		58	6	- 14	31	44	1.10		1.00	7.0	2	16	7	n.w.	Chas. Jansen.
Canton (near)	Sioux.	3	20.2			59	4	- 19	29	48	0.50		0.40	7.0	3	8	17	w.	A. E. Hann.
Columbus	Platte.	1,442	19	26.8	+ 0.5	55	7	- 8	30†	38	1.52	+ 0.85	1.24	10.0	5	15	8	n.w.	A. L. Rush.
Cozad	Dawson.	2,496	4								0.70		0.40	7.0					A. A. Luttin.
Creighton	Knox.	1,600																C. L. Cherry.	
Crete	Saline.	1,368	29	29.2	+ 1.5	60	5	- 6	31	37	2.04	+ 1.28	1.10	9.0	5	16	3	n.	Doane College.
Culbertson	Hitchcock.	2,565	25								1.70	+ 1.24	0.60	16.0	5			w.	J. H. Corrick.
Curtis	Frontier.	2,553	14	24.6	- 3.8	55	1†	- 10	31	33	0.90	+ 0.40	0.80	9.0	3	18	10	n.	Dr. S. R. Razee.
David City	Butler.	1,619	23	27.8	+ 1.3	54	2	- 7	30†	29	2.04	+ 1.16	1.31	7.5	7	13	5	n.w.	S. Clingman.
Dawson	Richardson.	945																Mrs. E. I. Atkinson.	
Du Bois	Pawnee.	1,074	7								2.45		1.80	10.0	6	16	2	n.w.	O. M. Backus.
Dumas	Garfield.																	J. M. Kenney.	
Ellis	Gage.	1,430																D. J. Wood.	
Elm Creek	Buffalo.	2,268	4								1.15		1.00	5.0	3				J. F. Brittain.
Elsie	Perkins.	3,382	4								1.20		0.89	12.0	3				G. H. Benson.
Ericson	Wheeler.	2,029	20								0.50	- 0.07	0.20	5.0	3				W. F. Crumb.
Ewing	Holt.	1,888	21	23.2		57	6	- 12	30	42	0.92	+ 0.23	0.25	9.2	5				C. B. & Q. R. R. Co.
Fairbury	Jefferson.	1,316	36	29.4	+ 1.0	56	1†	- 7	31	32	2.41	+ 1.66	1.60	9.2	6	17	5	n.w.	Post Surgeon.
Fairmont	Fillmore.	1,641	19	25.6	- 1.3	55	2	- 10	31	33	1.75	+ 1.03	1.00	7.5	6	15	1	n.	A. R. Peck.
Fort Robinson	Dawes.	3,764	29	18.7	- 8.7	47	9	- 21	31	41	0.47	- 0.22	0.46		2	20	2	n.	Ernest Hahn.
Franklin	Franklin.	1,820	21	26.1	- 2.9	59	2	- 14	31	41	1.25	+ 0.67	1.25	7.0	1	16	8	n.w.	Dr. F. W. Johnson.
Fremont	Dodge.	1,203	31	26.3	+ 0.9	55	5	- 8	28	40	2.60	+ 1.56	1.00	12.0	6	17	5	n.w.	F. M. Flory.
Fullerton	Nance.	1,629	11	27.2		55	2†	- 10	30†	37	2.82	+ 1.84	0.91	10.5	7	17	7	n.w.	F. W. Parsons.
Geneva	Fillmore.	1,633	22	28.0	+ 0.0	56	2	- 8	31	30	2.07	+ 1.25	0.85	8.1	7	16	5	n.w.	G. F. Williams.
Genoa	Nance.	1,584	36	26.8	+ 2.0	55	2	- 8	30	34	1.68	+ 0.82	0.78	9.0	8	18	3	n.w.	E. H. Stoll.
Gordon	Sheridan.	3,550	9	20.2†		62		- 23	31	45†	1.20		1.00	7.0	3			n.w.	Dr. W. J. Bartholomew
Gosper	Gosper.		10								0.50	- 0.03	0.20	5.0	3	17	7	n.w.	E. A. Barnes.
Gothenburg	Dawson.	2,557	18	25.6	- 3.0	60	6	- 9	31	40	0.53	+ 0.04	0.35	5.3	3	15	3	n.w.	Cyrus Carver.
Grand Island	Hall.	2,171	27.2	- 1.7		55	2	- 12	31	38	1.38	+ 0.70	0.50		3	15	9	n.w.	W. E. Morgan.
Grant	Perkins.	3,405	8	23.6		62	4	- 17	31	49b	1.55		1.00	13.0	4	12	10	n.w.	U. S. Forest Service.
Greeley	Greely.	2,021	17	25.1		56	6	- 10	30†	34	1.66	+ 0.95	0.60	16.0	6	16	9	n.w.	T. L. Jones.
Guide Rock	Webster.	1,646	12								1.88	+ 1.19	0.80	12.0	6	16	6	n.w.	A. S. Enyeart.
Halsey	Thomas.	2,665	9	24.0		54	4†	- 13	31	35	0.85		0.40	8.5	4	12	12	n.w.	G. F. Palmer.
Hartington	Cedar.	1,305	20	26.2	+ 2.9	52	1†	- 7	31	42	1.10	+ 0.09	0.35	11.0	9	11	9	n.w.	Mrs. M. R. Lloyd.
Harvard	Clay.	1,812																John Ellis.	
Hastings	Adams.	1,932	22	26.2	- 0.7	56	2	- 11	31	32	1.50	+ 0.83	0.75	7.0	5	19	5	n.w.	K. J. Kidney.
Hayes Center	Hayes.	18	24.2			58	1	- 14	31	39	1.10	+ 0.54	0.80	11.0	4	19	8	n.w.	Geo. W. Hulse.
Hay Springs	Sheridan.	3,821	24	22.9	- 1.9	60	4	- 17	31	45	0.35	- 0.39	0.20	3.7	3	13	11	n.w.	R. L. McCaughey.
Hebron	Thayer.	1,458	26	28.6	- 0.8	56	2	- 7	31	33	1.73	+ 1.06	0.75	7.5					F. G. Cogilizer.
Hemingford	Boxbutte.	4,256	3								0.26		0.15						L. L. Slagle.
Hendley	Furnas.	2,231	8								1.10		0.40	11.0	3				Robt. Chadwick.
Hershey	Lincoln.	2,902	1								0.86		0.54	8.9	4	20	2	n.w.	U. S. Weather Bureau.
Hillside	McPherson.	3,484	3	22.0		62	4	- 17	26	51	0.55		0.35	8.9	6	16	5	n.w.	R. T. Kidney.
Holdrege	Phelps.	2,324	21	30.0	+ 1.1	59	3†	- 10	28	34	1.00	+ 0.43	0.60	10.0	3	20	2	n.w.	Harriet Hayhurst.
Hoopers	Dodge.	1,228	14	25.0	+ 0.7	54	1	- 10	31	38	2.53	+ 1.70	1.40	11.0	6	11	5	n.w.	C. H. Cass.
Hull	Banner.										0.40		0.40	4.0	1	15	0	n.w.	C. G. Ogleizer.
Imperial	Chase.	3,278	21	24.2	- 4.4	57	1†	- 17	31	42	1.32	+ 0.71	1.20	18.0	2	11	12	n.w.	L. L. Slagle.
Kearney	Buffalo.	2,146									1.16		0.55	9.1	4	17	8	n.w.	U. S. Weather Bureau.
Kimball	Kimball.	4,097	23	24.0	- 6.0	66	4	- 10	26	50	0.45	- 0.10	0.30	4.5	4	18	10	w.	J. A. Kennedy.
Kirkwood	Rock.	17	24.5	- 0.1		57	4†	- 14	30	37	0.50	- 0.20	0.45	5.0	2	21	2	w.	Joe Hull.
Kowanda	Garden.	3									1.05			10.5					John Ellis.
Lemar	Chase.	1									1.16								G. C. Snuffit.
Lexington	Dawson.	2,385	23	25.6	- 2.6	57	2	- 12	31	37	0.50	- 0.15	0.38	5.0	2	22	0	n.w.	J. A. Amsberry.
Lincoln	Lancaster.	1,189	30	28.8	+ 1.9	55	5	- 4	31	29	2.24	+ 1.57	1.39	9.3	7	14	5	s.	F. M. Cuddeback.
Lodgepole	Cheyenne.	3,820	13	24.6	- 3.2	60	4	- 17	30	46	0.60	+ 0.10	0.40	6.0	6	12	8	w.	C. B. & Q. R. R. Co.
Loup City	Sherman.	2,067	17	24.4	- 1.8	55	2†	- 12	27	40b	0.35	- 0.14	0.35	6.0	1			n.w.	Dr. F. A. Long.
Loyal	Custer.	2									0.40		0.40	4.0	1	15	0	n.w.	John Ellis.
McCook	Red Willow.	2,506	17	23.8	- 4.7	60	1	- 18	31	48	1.10	+ 0.65	0.95	11.0	2	22	9	n.w.	G. C. Ogleizer.
McCool Junction	York.	1,575	14								2.14	+ 1.34	0.94	12.0	4				L. L. Slagle.
Madison	Madison.	1,585	20	22.7	- 2.1	50	1	- 11	30†	24	2.25	+ 1.42	0.80	14.5	6	12	8	n.w.	Dr. F. A. Long.
Marquette	Hamilton.	1,830	32								1.16	+ 0.48	0.50	4.2	5				John Ellis.
Mary	Brown.	1									0.61		0.40	6.0	4	12	13	n.w.	G. C. Snuffit.
Mason City	Custer.	2,257	12								0.52	- 0.18	0.40	2.9	2				A. Kennedy.
Minatare	Scotts Bluff.	3,825	2								0.29		0.15	2.9	4	24	5	n.w.	E. E. Young.
Minden	Kearney.	2,169	34	24.6	- 3.1	56	2	- 13	31	32	1.39	+ 0.68	0.60	11.7	7	15	7	n.w.	F. A. Barton.
Mitchell	Scotts Bluff.	3,950	3	23.1		66	4	- 14	30	54	0.29		0.12	5.8	5	15	11	n.w.	E. E. Young.
Mullen	Hooker.	3,199		</td															

TABLE 1.—*Climatological data for December, 1911. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Nebraska—Continued.																				
Scottsbluff.	Scotts Bluff.	3,888	5	24.0	-2.0	62	4	-12	27	51	0.54	+1.57	0.19	5.8	6	22	5	4	nw.	
Seward.	Seward.	1,435	21	26.0	-54	54	5†	-11	31	35	2.35	+1.57	1.75	6.5	6	14	10	7	nw.	
Sidney.	Cheyenne.	4,090	19	18	23.3	-3.5	52	4	-16	30	31	0.69	+0.36	0.50	7.0	3	27	1	3	nw.
Springview.	Keyapaha.										0.50	-0.26	0.50	5.0	1	12	11	8	nw.	
Stanton.	Stanton.	1,472	20	25.4	+1.3	56	3	-13	28	44	2.10	+1.20	0.70	11.0	7	19	6	6	w.	
Stratton.	Hitchcock.	2,804																		
Superior.	Nuckolls.	1,574	28								2.00	+1.42	1.00	10.0	5					
Syracuse.	Otoe.	1,059	19	29.0	+2.3	65	1	-5	28†	40	3.17	+2.00	2.29	11.3	6	14	6	11	nw.	
Table Rock.	Pawnee.	1,023	23	31	+0.9	52	4	-3	30	37†	3.15	+2.20	2.04	9.5	8	18	4	9	nw.	
Tecumseh.	Johnson.	1,113	31	30.3	+1.3	54	5	-11	28	40	3.25	+2.37	1.43	7.0	5					
Takamah.	Burt.	1,060	20	27.0	+1.3	54	5	-11	28	40	3.64	+2.53	1.75	18.0	8	9	13	9	nw.	
Tobias.	Saline.	1,597	2								2.30		1.45	6.0	4					
University Farm.	Lancaster.		22	20.2	+0.9	55	5	-5	31	33	2.23	+1.38	1.29	8.3	4	16	3	12		
Valentine.	Cherry.	2,613	23	23.7	-0.8	65	4	-17	30	40	0.30	-0.32	0.25	3.2	3	14	10	7	nw.	
Wahoo.	Saunders.	1,187	9	25.2	+2.1	53	5†	-10	30	37	3.05		1.85	14.0	5	20	4	7	s.	
Walther.	Dixon.	1,387	13	9	23.0	54	7	-13	28	44†	2.10		0.64	8.0	7	14	5	12	A. P. Coleman.	
Watertown.	Thurston.										0.02		0.30	6.2	6	12	12	7	R. E. Swift.	
Wauneta.	Buffalo.	2,299	6								1.50	+0.96	1.20	15.0	2	18	0	13	C. D. Fuller.	
Weeping Water.	Chase.		12								3.63	+2.68	2.60	10.2	7	18	0	13	S. W. Orton.	
Westpoint.	Cass.	1,080	34	28.4		54	1†	-9	28	45	2.70	+1.79	1.70	10.0	6	19	4	5	J. C. Elliott.	
Wisner.	Cuming.	1,313	26	28.4	+3.6	58	5	-7	28†	38	2.92	+1.84	1.25	7.7	7	25	1	5	F. C. Evans.	
York.	York.	1,633	22	27.7	-0.2	57	2	-8	31	32	1.58	+0.85	0.81	7.7	7	16	5	10	A. T. Glaue.	
Iowa.																				
Afton.	Union.	1,212	17	29.7	+4.0	50	7†	-5	31	34	3.36	+2.12	1.10	18.0	7	9	8	14	N. W. Rowell.	
Allerton.	Wayne.	9	31.6			56	7†	-4	31	34	2.75		1.00	13.6	8	18	2	11	Mrs. Geo. Shriver.	
Alton.	Sioux.	1,305	6	23.2	49	9	19	28	39	2.22		0.90	13.2	7	17	5	9	W. S. Slagle.		
Atlantic.	Cass.	1,164	20	27.4	+2.5	52	5	-13	28	43	3.40	+2.25	1.24	21.5	8	9	14	sw.		
Audubon.	Audubon.	1,301	17	26.2	+2.9	50	5	-7	27	29	3.01	+2.05	1.60	14.1	6	12	7	13	Geo. E. Kellogg.	
Bedford.	Taylor.	11	29.0	+3.3	55	7	-11	28	43	2.13	+1.19	1.07	13.2	6	17	1	13	E. E. Healy.		
Centerville.	Appanoose.		13	31.4		54	8	-3	31	29	3.97		2.15	7.0	6	26	2	3	Gordon Peacock, jr.	
Charlton.	Lucas.	1,042	16	29.4	+3.1	56	7	-12	28	43	1.95	+0.61	0.95	11.0	5	14	9	8	C. C. Burr.	
Clarinda.	Page.	1,009	21	27.2	+0.6	50	1	-8	28	42	2.62	+1.50	1.88	14.7	8				A. S. Van Sandt.	
Corning.	Adams.	1,117	19	27.1	0.0	54	10	-4	28	43	2.89	+1.75	1.34	15.5	5	16	3	12	sw.	
Corydon.	Wayne.	1,101	18	31.0	+4.3	56	10	-4	28†	35	2.49	+1.07	0.93	12.7	8	9	10	12	May C. Miller.	
Council Bluffs.	Pottawattamie.	1	28.3			55	5	-4	28	44	4.20		2.40	18.0	6	11	9	11	B. W. Crossley.	
Creston.	Union.	1,312	6	26.8		53*	9	-4	28†	35*	2.77		1.19	9.0	6	11	5	15	O. J. Colby.	
Cumberland.	Cass.		12								3.45	+2.43	1.35	21.0	7	13	9	9	sw.	
Denison.	Crawford.	1,180	17	26.4	+2.9	51	5	-12	28	40	3.28	+2.69	1.81	14.7	9	14	5	12	W. C. Van Ness.	
Elliot.	Montgomery.		29.0			52	7†	-13	28	48	1.96		0.80	7.6	6	11	8	10	C. H. Westrose.	
Greenfield.	Adair.	19	27.2	+2.2	53	10	-8	31	33	2.25	+1.00	0.95	14.5	6	13	4	10	R. B. Oldham.		
Harlan.	Shelby.	1,182	12	26.0	+2.0	50	5	-14	28	43	3.19	+2.29	1.93	14.0	6	13	4	14	C. A. Reynolds.	
Inwood.	Lyon.	1,474	7	21.8		52*	9	-22	28	38*	0.62		0.25	9.0	6	10	12	9	F. B. Hanson.	
Lamoni.	Decatur.		4	29.8		55	10	-5	31	36	3.04		1.18		8	14	1	16	T. J. Fitzpatrick.	
Larrabee.	Cherokee.	1,266	21	23.7	+1.4	50	9	-19	28	38	1.85	+0.89	1.48	5.0	5	14	6	11	R. C. Carnahan.	
Le Mars.	Plymouth.	1,224	15	24.6	+0.9	47	5	-10	28	30	1.88	+1.06	0.84	10.0	8	17	8	11	G. A. C. Clarke.	
Lenox.	Taylor.	1,250	16	28.6	+3.3	53	10	-7	31	35	1.99	+0.92	0.80	10.9	7	16	3	12	J. L. Hurley.	
Leon.	Decatur.	1,120	9	30.2		56	10	-7	31	37	1.81		1.00	13.2	7	11	4	16	Morris Gardner.	
Little Sioux.	Harrison.		6	28.4		55	5	-8	28	40	3.50		1.70	17.0	7	13	4	14	Geo. H. Gibson.	
Logan.	Ringgold.	928	44	27.3	+2.1	51	1	-14	28	46	2.75	+1.48	1.50	7	11	9	11	Glenn H. Stern.		
Mount Ayr.	Clarke.	1,236	18	29.8	+3.9	55	7	-7	31	35	3.30	+2.01	1.00	18.5	6	10	10	11	A. F. Beard.	
Murray.		20	29.2	+3.0	55	7	-6	28	35	2.88	+1.82	1.15	8	9	10	12	M. T. Ashley.			
Northboro.	Page.		31.7			56	5	-5	31	37	2.60		1.33	10.0	5	16	5	10	sw.	
Odebolt.	Sac.	14	26.2	+2.7	50	5	-11	28	35	3.15	+2.31	1.77	14.2	7	13	7	11	E. Starner.		
Onawa.	Monona.	1,051	11	27.4	+1.2	54	5	-5	28†	34	3.95	+3.04	1.52	23.3	12	7	10	8	C. G. Perkins.	
Pacific Junction.	Mills.	980	12	28.1	+1.8	59	2	-8	28	40	3.05	+2.23	1.92	11.3	7	13	10	8	H. H. McCartney.	
Rock Rapids.	Lyon.	1,358	12	22.8	+1.7	50	9	-19	28	31	1.15	+0.56	0.30	11.5	8	12	8	11	W. C. Wyckoff.	
Sheldon.	O'Brien.	1,422	11			56	5	-11	28	34	1.76	+0.98	0.62	10.5	9	11	5	15	Dr. A. W. Beach.	
Sibley.	Osceola.	1,212	18	21.3	+1.7	52*	9	-17*	28	38*	2.08		1.22	7.3	4	14	8	9	sw.	
Sioux Center.	Sioux.	1231	13	23.1	+1.4	46	7	-23	28	32	2.37	+2.19	0.70	15.0	7	13	5	13	J. de Ruyter.	
Sioux City.	Woodbury.	1,135	22	25.4	+2.8	51	5	-8	29	36	2.87	+2.13	0.93	19.6	12	11	10	10	U. S. Weather Bureau.	
Spencer.	Clay.		1	24.8		51	5	-16	28	35	2.30		1.20	11.0	3				s.	
Thurman.	Fremont.	14	28.2	+2.7	53	5	-14	28	47	3.02	+1.63	1.85		7	13	6	12	C. R. Paul.		
Washta.	Cherokee.	1,157	13	24.8		52	14	-24	28	44	2.20	+1.35	1.20	11.0	6	13	4	14	H. L. Feiter.	
Woodburn.	Clarke.	961	12	30.5		57*	7	-17	28	49*	2.38	+1.13	0.55	16.0	6	15	4	12	C. B. McDonough.	
Kansas.																				
Abilene.	Dickinson.	1,157	18			60	6†	-6	31	33	2.08		1.70	6.8	4	15	2	14	T. W. Sherman.	
Agricultural College.	Riley.	1,100	53	32.2	+1.5	58	2†	-5	31	36	2.37	+1.53	1.40	5.3	6	20	2	9	Prof. J. O. Hamilton.	
Alton.	Osborne.	1,651	9	27.9	59	1	-11	31	35	1.64	+1.11	0.60	11.0	7	15	6	10	H. A. Storer.		
Atchinson.	Atchison.	973	20	33.4	+2.3	60	2	-6												

TABLE 1.—Climatological data for December, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.						
				Mean.	Departure from the normal.			Total.	Departure from the normal.			Greatest in 24 hours.	Total snowfall, unmelted.							
					Highest.	Date.	Lowest.		Date.	Greatest daily range.	Date.									
Kansas—Continued.																				
Hill City.....	Graham.....	2,134	3	28.2	62	5	8	31	37	0.95	0.40	6.5	3	19	9	nw.	J. L. Crank.			
Horton.....	Brown.....	1,188	22	32.0	+ 1.2	56	2†	5	31	29	1.89	+ 0.91	1.08	6.1	6	15	3	s.	Mrs. S. C. Belden.	
Hoxie.....	Sheridan.....	2,700	13	27.2	- 3.4	57	1†	- 10	31	40	1.30	+ 0.80	10.0	3	15	11	nw.	I. L. Vinson.		
Jewell.....	Jewell.....	1,540	6														c. a. shinn.			
Lawrence.....	Douglas.....	987	43	34.1	+ 2.9	60	2	- 6	31	35	2.42	+ 1.05	1.19	4.7	5	14	8	g.	Prof. H. P. Cadby.	
Leavenworth.....	Leavenworth.....	913	67	33.8	+ 1.2	70	- 2	- 4	30	35	1.78	+ 0.37	0.75	0.3	5	23	3	s.	Dr. A. F. Yohe.	
Lebanon.....	Smith.....	1,812	13	29.8	+ 1.4	56	1	- 10	31	30	1.35	+ 0.84	0.5	7.0	6	12	1	18	E. V. Bower.	
Leoti.....	Wichita.....	3,300	8	24.2		58	2†	- 11	31	34	0.59		0.30	8.0	3	20	6	5	Fred Burnham.	
Lindsborg.....	McPherson.....	1,333	5															A. J. Fredrickson.		
McCracken.....	Rush.....	2,139		28.2		60	1	- 12	31	38	1.88		1.02	14.3	3	20	6	10	E. D. Floyd.	
Mankato.....	Jewell.....	1,754	2	29.9		58	1	- 8	31	37	3.15		1.98	21.0	5	23	2	6	W. F. Isaac.	
Minneapolis.....	Ottawa.....	1,259	21	30.1	- 1.5	58	2	- 6	31	35	1.82	+ 1.19	1.10	6.5	5	19	1	10	J. L. Steele.	
Moran.....	Allen.....	1,098	15	37.1	+ 3.9	62	2	- 1	31	32	2.49	+ 0.57	1.00	0.5	6	15	6	10	C. J. Norton.	
Natoma.....	Osborne.....	1,834	2															G. O. Hunt.		
Norton.....	Norton.....	2,284	13	27.4	- 3.5	59	2	- 9	31	30	1.20	+ 0.80	0.80	10.0	3	18	4	9	Sim Sleefel.	
Oberlin.....	Decatur.....	2,539	24															I. K. Huber.		
Oketo.....	Marshall.....	1,194	3	36.5		58	1†	- 5	31	32	2.65		2.10	6.2	4	9	12	10	J. A. Church.	
Olathe.....	Johnson.....	1,032	16	34.6	+ 4.2	60	2	- 6	31	32	2.44	+ 1.14	1.27	4.0	5	15	5	10	Dr. S. B. S. Wilson.	
Osage City.....	Osage.....	1,081	12			63	2	- 5	31	30	2.09	+ 0.98	0.96	5.5	5	15d	2d	10d	W. C. White.	
Ottawa.....	Franklin.....	926	17	35.8	+ 4.1	62	2	- 6	31	30	2.95	+ 1.82	1.07	4.0	5	18	6	7	W. J. Sheldon.	
Phillipsburg.....	Phillips.....	1,939	20	28.9	- 2.0	60	2	- 8	31	37	1.08	+ 0.44	0.50	6.5	5	20	4	7	N. E. Baiky.	
Plainville.....	Rooks.....	2,156	5															P. D. Spellman.		
Pleasanton.....	Linn.....	862	9	34.8		59	8	- 2	31	32	2.62		0.70	0.5	6	17	6	8	B. F. Blaker.	
Republic.....	Republic.....	1,495	8	29.4		60	1†	- 9	31	40	2.35		1.15	12.0	5			J. W. Ambrose.		
Russell Springs.....	Russell.....	1,834	12			62 ^b	2				1.23	+ 0.60	0.49	9.0	5	19	4	8	Robert Brebner.	
St. Francis.....	Logan.....	1	25.3			60	1	- 13	31	47	1.15		0.60	11.0	3	17	6	8	D. J. Hutto.	
Salina.....	Cheyenne.....	3,288	3	25.4		64	4	- 14	31	52	1.19		0.53	14.5	4	15	11	5	J. E. Uplinger.	
Scott.....	Saline.....	1,227	27	30.2	- 0.9	56	6	- 5	31	29	2.66	+ 1.91	1.00	13.0	5	14*	8*	8*	Prof. A. W. Jones.	
Smith Center.....	Scott.....	2,971	5	26.3		60	1†	- 5	27	42	2.26		1.28	12.5	2	22	4	5	J. H. Loughran.	
Topeka.....	Smith.....	1,800	1															W. H. Nelson.		
Valley Falls.....	Shawnee.....	997	25	34.0	+ 2.9	62	2	- 3	31	30	2.41	+ 1.53	1.68	5.0	7	12	11	8	U. S. Weather Bureau.	
Vinland.....	Jefferson.....	913	12	32.6	+ 1.6	57	10	- 6	31	31	1.77	+ 1.02	1.02	3.9	6	18	7	6	Miss Nettie Maxwell.	
Wakeeney.....	Douglas.....	880	28																A. Schick.	
Wallace.....	Trego.....	2,456	28	28.0	- 3.7	58	8	- 8	31	39	1.18	+ 0.60	0.47	7.0	4	24	0	7	A. S. Peacock.	
Wamego.....	Wallace.....	3,303	41	24.8		62	3	- 10	31	48	1.30	+ 0.86	0.70	13.0	4	17	6	sw.	M. T. Griggs.	
	Pottawatomie.....	1,002	18								2.75	+ 2.06	1.70	10.5	4	14	5	12	M. L. Stone.	
Missouri.																				
Amoret.....	Bates.....	850	3	36.3		61	2†	- 2	31	36	1.57		0.55	T.	4	15	5	11	Darby Fruit Farm.	
Appleton City.....	St. Clair.....	853	22	36.6	+ 2.3	64	7	0	30	34	1.27	- 0.57	0.45	2.5	5	12	11	8	T. C. Brown.	
Arthur.....	Vernon.....	767	20	48.2	+ 4.4	60	2	- 2	31	40	2.10	+ 0.15	0.56	1.0	5	14	10	7	J. T. Armstrong.	
Avalon.....	Livingston.....	26	34.0	+ 4.2	58	7	- 5	31	33	3.27	+ 1.50	1.70	3.0	6	19	2	10	F. G. Ashbaugh.		
Bethany.....	Harrison.....	881	22	31.2	- 0.8	56	10	- 5	28	39	2.99	+ 1.43	0.90	12.0	5	15	5	11	W. H. Skinner.	
Bolivar.....	Polk.....	1,070	24	38.0	+ 2.4	62	7	3	31	27	2.09	- 0.38	0.80	8.0	6	16*	4*	10*	A. C. Fink.	
Boonville.....	Chariton.....	600	35															C. Fandeker.		
Brunswick.....	Chariton.....	652	34	34.5	+ 2.5	59	9	- 1	31	29	2.76	+ 1.04	0.71	2.0	6	12	5	14	Louis Benecke.	
Clinton.....	Henry.....	800	25	37.4		64	7	- 1	31	35	1.83	+ 0.02	0.55	2.5	5	9	16	6	s.	
Columbia.....	Boone.....	782	24	35.0	+ 2.1	59	10	- 2	31	28	2.94	+ 0.93	1.00	10.8	10	9	15	7	A. E. Derwent, M. D.	
Conception.....	Nodaway.....	982	28	31.4	+ 1.6	55	7†	- 7	31	32	2.26	+ 1.18	0.58	12.0	5	10	11	nw.	U. S. Weather Bureau.	
Eldorado Springs.....	Pulaski.....	1,121	1	37.5		62	2†	- 6	31	28†	2.74	- 47	2.74		1.05	6.4	6	11	se.	Fr. Adelheid Hess.
Fayette.....	Cedar.....	750	7	37.6		63	7	- 2	31	32	1.67		0.82	4.0	5	12	6	3	Ira H. Stephens.	
Fulton.....	Howard.....	725	29	34.6	+ 2.3	59	10	- 6	31	29	2.94	+ 1.16	0.90	4.5	8	19	4	8	Samuel Graham.	
Glasgow.....	Callaway.....	818	20	36.6	+ 4.3	58	10	- 5	31	34	3.52	+ 1.33	1.20	6.0	9	14	8	9	Prot. T. Berry Smith.	
Grant City.....	Howard.....	618	35																Russel Johnston.	
Harrisonville.....	Worth.....	1,130	20	31.4		53	8	- 6	31	36	3.33	+ 2.17	1.15	15.0	5	19	1	15	J. J. Shaughnessy.	
Hazelhurst.....	Cass.....	912	39	34.3	+ 3.1	62	8	- 2	31	33	2.70	+ 0.82	1.35	2.0	6	12	1	18	W. H. Campbell.	
Hermann.....	Livingston.....	19																A. J. Sharp.		
Hermann.....	Gaconade.....	492	38															W. H. Baker.		
Houston.....	Texas.....	1,230	20	38.2	+ 2.3	58	10	- 5	31	34	4.00	+ 1.88	1.25	3.0	6	10	9	12	e.	
Jefferson City.....	Cole.....	628	29	34.1	+ 0.9	59	9	- 3	31	33	2.13	+ 0.19	1.05	10.0	9	14	9	17	n.	
Kansas City.....	Jackson.....	903	22	35.8	+ 4.3	60	2	- 4	31	25	2.74	+ 1.38	1.53	3.3	7	13	9	9	s.	
Kidder.....	Caldwell.....	1,017	27	33.5	+ 6.0	57	8†	- 4	31	31	2.29	+ 0.38	1.03	9.0	5	17	3	11	sw.	
Lamont.....	Pettis.....	863	24	36.3		61	7	- 1	31	30	2.63	+ 0.79	0.95	2.1	8	11	6	14	s.	
Lebanon.....	Laclede.....	1,265	23	37.2	+ 1.8	58	7†	- 5	31	36	3.30	+ 0.54	0.98	9.5	9	13	9	9	s.	
Lexington.....	Lafayette.....	813	30	35.6	+ 4.3	59	7†	- 2	31	28	2.84	+ 1.01	1.05	4.0	6	18	0	13	s.	
Liberty.....	Clay.....	864	24	35.3	+ 3.7	64	9	- 1	6	31	31	3.22	+ 1.80	1.50	3.0	6	10	11	e.	
Lockwood.....	Dade.....	1,088	17	38.0		61	7	- 3	31	36	2.45	+ 0.58	0.74	9.0	5	16	1	14	sw.	
Marshall.....	Saline.....	779	21	32.7	+ 1.7	52	24	- 1	31	28	3.06	+ 1.27	1.20	2.0	7	16*	4*	9*	s.	
Maryville.....	Nodaway.....	1,160	22	28.7	+ 2.7	55	7†	- 6	31	36	3.40	+ 2.21	1.22	18.0	7	17	2	12	s.	
Mount Vernon.....	Lawrence.....	1,480	34	37.6	+ 0.8	61	6†	- 14	31	34	2.56	- 0.12	0.46	2.8	12	13	10	8	sw.	
Nevada.....	Vernon.....	860	18				</td													

TABLE 2.—Daily precipitation for December, 1911. District No. 6, Missouri Valley.

TABLE 2.—*Daily precipitation for December, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for December, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for December, 1911. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																														Total.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Colorado.																																			
Akron.	Republican																																		6.22
Albion Lake.	S. Platte.																																	6.91	
Arriba (near).	Republican																																	6.99	
Audubon.	S. Platte.																																	6.82	
Bennett (near).	do.																																	6.30	
Boulder.	do.																																	1.15	
Burlington.	Republican																																	1.15	
Cassells.	S. Platte.																																	0.37	
Castle Rock.	do.																																	1.06	
Cheeseman.	do.																																		
Cheyenne Wells.	Smoky Hill																																	2.10	
Cope.	Republican																																	1.71	
Corona II.	S. Platte.																																	2.84	
Denver.	do.																																	0.24	
Edgewater.	do.																																	0.22	
Metea Pk., Fish Hatch.	do.																																	0.30	
Fort Collins.	do.																																		
Fort Lupton.	do.																																	0.37	
Fort Morgan.	do.																																	0.40	
Frances.	do.																																	0.53	
Fry's ranch.	do.																																	0.19	
Georgetown II.	do.																																	0.22	
Greeley.	do.																																	0.53	
Grover.	do.																																	0.37	
Hartcel.	do.																																	0.06	
Hawthorne.	do.																																	0.28	
Holyoke (near).	Republican																																	0.75	
Idaho Springs.	S. Platte.																																	0.20	
Keota.	do.																																	0.13	
Leporte.	do.																																	0.25	
Leroy (near).	Republican																																	0.92	
Longmont II.	S. Platte.																																	0.20	
Longs Peak (near).	do.																																	0.51	
Moraine Park.	do.																																	0.06	
Platte Canon.	do.																																	0.35	
St. Cloud.	do.																																	0.50	
Sedgwick.	do.																																		
Sill Mine.	do.																																	1.38	
Spicer (near).	N. Platte.																																	0.16	
Sterling.	S. Platte.																																	0.43	
Waterdale.	do.																																	0.23	
Wray.	do.																																	1.04	
Yuma.	do.																																	0.43	
Minnesota.																																			
Pipestone.	Big Sioux.																																	0.55	
Nebraska.																																			
Ainsworth.	Niobrara.																																	0.82	
Albion.	Loup.																																	1.20	
Alliance.	North Platte																																	0.56	
Alma.	Republican																																	0.64	
Arcadia.	Loup.																																	0.62	
Arden.	do.																																	1.54	
Aslund.	Platte.																																	2.18	
Ashton.	Loup.																																	0.36	
Atkinson II.	Elkhorn.																																	0.55	
Auburn.	Missouri.																																	2.27	
Aurora.	Blue.																																	1.24	
Beatrice.	do.																																	0.57	
Beaver City.	Republican																																	0.50	
Bellevue.	Missouri.																																	1.60	
Benkelman.	Republican																																	0.80	
Bertrand II.	do.																																	0.85	
Blair.	Missouri.																																	1.00	
Bloomfield.	do.																																	2.40	
Bridgeview II.	Blue.			</td																															

TABLE 2.—*Daily precipitation for December, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for December, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for December, 1911. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																													Total				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
<i>Missouri—Contd.</i>																																			
Bolivar.....	Osage.....								.10	.31	.35	.10																					2.09		
Boonville	Missouri.....										.64																								3.18
Brunswick	Grand.....								T.	.71																									2.76
Clinton.....	Osage.....									.55	.30																							1.88	
Columbia.....	Missouri.....							T.	.42	.24																								2.94	
Conception.....	do.....								.58	.48																								2.26	
Crocker.....	Gasconade.....									.55																									2.74
Eldorado Springs.....	Osage.....									.40	.52	T.																						1.67	
Fayette.....	Missouri.....									.35	.51																							2.94	
Fulton.....	do.....								.05	.20	.75																							3.52	
Glasgow	do.....									.92																									2.50
Grant City.....	Grand.....									.26	.87																							3.33	
Harrisonville	Osage.....										1.35	T.																						2.70	
Hazelhurst.....	Grand.....										.82	.17																						2.53	
Hermann	Missouri.....										.01	.04	.38	.01	.06																		2.24		
Houston.....	Gasconade.....									T.	.25	1.25	T.																				4.00		
Jefferson City	Missouri.....										.05	.30	T.	.02																			2.13		
Kansas City.....	do.....										1.51	.02																						2.74	
Kidde	Grand.....										1.03																							2.20	
Lamonte.....	Missouri.....								T.		.35	.50																						2.63	
Lebanon.....	Osage.....										.22	.98	.35																					3.30	
Lexington	Missouri.....											1.05																							2.84
Liberty.....	do.....										.47	.77																						3.22	
Lockwood.....	Osage.....											.74	.25	T.																				2.45	
Marshall.....	Missouri.....								T.	T.	.71	.15																						3.06	
Maryville	do.....											1.22																							3.40
Mount Vernon.....	Arkansas.....										.02	.05	.27	.46	.22																		2.56		
Nevada.....	Osage.....								T.	T.		.40	.35																					2.07	
Oregon.....	Missouri.....											.86																							2.07
Pattensburg	Grand.....											.96																							2.76
Rolla.....	Gasconade.....											.01	.20	.46	.20		T.																3.04		
St. Charles.....	Missouri.....										T.	T.	.87	T.																				1.77	
St. Joseph.....	do.....											.94	.04																					2.29	
St. Louis (1).....	Mississippi.....								T.		.03	.08	.01																				1.67		
St. Louis (2).....	do.....										.03	.08	.32	.03		T.																	1.78		
Sublett.....	Chariton.....											.98																							4.12
Trenton.....	Grand.....												.90																						3.13
Unionville	Chariton.....											T.	.14	.52				T.																2.67	
Warrensburg.....	Missouri.....												.02	.47																				1.74	
Warrenton	do.....													.48																					1.99
Warsaw.....	Osage.....													.43	.39	.11																		2.78	
Wheatland.....	do.....													.68	.33																			3.91	

* Precipitation included in that of the next measurement.

† Separate dates of falls not recorded.

|| Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures at selected stations for December, 1911. District No. 6, Missouri Valley.

Date.	Wyoming.														Montana.														
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Path-finder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewis-town.		Malta.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1....	44	8	49	23	52	14	36	11	40	24	38	16	48	24	36	16	53	26	54	22	47	27	46	30	45	28	42	18	
2....	40	14	47	23	42	23	36	10	41	23	37	16	50	23	33	12	50	18	55	20	42	26	42	26	50	20	42	22	
3....	48	18	56	21	62	6	34	9	46	20	38	16	49	18	35	11	50	18	52	24	46	19	36	20	50	22	34	14	
4....	42	17	61	29	60	10	36	6	51	21	50	29	48	16	37	18	52	25	50	25	41	22	34	22	61	26	32	12	
5....	44	20	52	27	59	10	40	8	45	28	42	21	50	22	39	20	50	23	52	22	45	29	43	20	45	20	46	16	
6....	48	24	47	22	51	19	31	9	41	20	40	14	43	21	35	15	43	15	54	20	41	21	38	20	47	22	39	14	
7....	50	20	47	15	46	9	35	11	38	24	38	15	40	17	28	9	43	17	55	27	41	30	37	26	43	24	40	22	
8....	50	24	47	19	52	11	32	5	49	16	40	16	53	15	28	18	51	18	56	27	49	35	46	28	45	20	45	25	
9....	44	16	46	19	50	10	39	9	48	18	34	12	45	23	34	17	48	29	56	23	46	31	43	31	47	30	46	33	
10....	42	10	30	20	40	8	37	8	38	20	31	18	37	22	26	16	39	16	55	21	36	28	38	29	42	14	37	20	
11....	44	14	28	11	36	14	30	9	30	16	22	7	35	16	22	4	39	18	50	22	37	23	34	26	31	19	36	16	
12....	50	18	32	19	40	9	25	4	28	10	28	10	37	21	26	16	38	28	47	18	36	24	37	25	35	15	36	13	
13....	48	20	24	4	34	15	28	2	30	10	26	13	36	20	19	3	40	21	46	18	34	22	31	16	36	13	34	13	
14....	51	24	31	4	38	0	21	-3	34	8	22	-12	43	22	24	7	39	21	47	20	41	27	37	27	34	14	36	19	
15....	50	30	32	14	40	12	23	-2	41	22	24	17	40	22	28	11	43	14	50	24	43	18	32	18	36	13	34	10	
16....	46	18	36	16	41	4	38	4	35	24	32	20	39	20	30	14	52	17	53	18	36	24	41	25	44	15	33	20	
17....	42	10	34	19	44	14	22	1	32	14	25	4	36	12	22	4	38	13	48	14	30	21	33	20	28	12	30	9	
18....	36	0	23	20	27	21	29	9	30	18	28	4	29	17	20	0	38	19	41	6	26	20	31	13	36	10	27	5	
19....	40	6	25	19	34	21	15	-13	30	20	24	5	24	6	24	-2	39	8	40	8	23	9	25	11	46	6	27	2	
20....	46	18	21	17	27	22	3	-13	28	16	24	4	31	3	22	7	39	8	41	9	30	10	30	24	40	6	18	-2	
21....	48	20	21	15	25	19	26	0	24	14	22	15	26	1	25	8	36	19	42	12	32	18	28	23	31	20	25	1	
22....	50	24	31	15	37	5	11	-6	30	4	22	5	34	-1	22	12	40	14	44	14	43	25	39	22	33	9	40	-2	
23....	50	26	41	13	45	-1	35	-5	35	10	25	18	45	15	24	10	41	24	40	11	46	7	35	22	43	14	36	-1	
24....	46	20	21	2	43	9	21	-12	24	8	25	-5	21	5	14	0	24	14	36	2	10	-1	32	1	24	-1	21	5	
25....	50	22	23	1	25	-12	18	-15	21	-4	20	1	12	-11	10	1	25	-9	37	8	25	0	24	-1	30	3	21	5	
26....	48	20	16	0	19	-10	14	-4	14	-4	20	-4	20	-8	15	-2	32	10	40	12	21	7	22	11	22	0	20	0	
27....	40	10	35	0	35	-13	10	-10	17	-8	23	-4	22	-12	8	-2	22	0	36	6	16	2	25	3	22	-2	7	-7	
28....	36	-4	45	10	30	-9	25	-1	24	4	30	19	11	-11	20	-12	14	-9	18	-12	2	-13	3	-17	37	2	4	-16	
29....	24	-24	32	-3	25	-7	6	-11	4	-12	25	-10	1	-24	0	-16	-11	-20	-9	-25	-10	-19	7	-29	-13	-19	-13	-29	
30....	22	-23	21	-3	30	-5	7	-17	0	-13	11	-11	3	-20	12	-5	12	-25	-14	-13	-27	-1	-12	-10	-28	-15	-29	-12	-30
31....	23	-21	28	8	25	-15	19	-14	16	-8	20	-2	7	-15	18	10	2	-8	28	3	6	-28	12	-1	24	-19	-12	-30	
Mns..	43.3	12.9	34.6	13.5	33.2	6.9	24.9	-0.5	30.6	11.9	28.6	8.9	32.0	8.7	24.2	7.4	36.2	12.1	42.8	13.0	30.6	13.9	30.1	15.8	36.2	11.2	27.5	7.0	

Date.	Montana.				North Dakota.						South Dakota.																	
	Miles City.		Popular.		Berthold Agency.		Bismarck.		Dickinson.		James-town.		Williston.		Aberdeen.		Canton.		Huron.		Kadoka.		Kimball.		Lemmon.		Pierre.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	52	28	37	9	36	21	33	23	37	20	34	21	32	19	34	22	43	21	42	23	44	27	43	22	44	31	44	21
2....	52	30	39	21	40	14	39	24	39	28	37	15	38	26	30	15	46	18	43	21	44	26	42	25	49	31	44	24
3....	52	22	34	8	37	25	30	14	41	24	34	7	39	24	25	14	45	21	32	18	39	19	47	24	42	24	50	20
4....	50	25	30	6	43	10	46	16	49	24	44	16	42	18	40	16	48	18	45	22	53	20	43	24	50	20	40	19
5....	48	22	36	10	36	9	37	14	39	18	41	17	36	16	40	16	48	24	52	27	55	21	40	27	48	19	38	19
6....	46	24	36	17	37	25	39	18	38	23	36	22	36	21	36	19	49	26	44	23	48	27	46	26	40	21	45	24
7....	40	22	35	16	38	13	40	24	36	18	32	15	36	6	44	13	40	11	55	23	43	20	44	19	45	19	36	19
8....	54	23	43	13	44	10	44	15	44	24	40	13	39	15	38	7	42	21	47	20	52	21	33	26	52	24	41	26
9....	48	30	43	24	49	23	50	24	41	29	46	19	44	28	39	12	53	20	50	16	52	22	51	24	52	21	41	21
10....	40	22</td																										

DECEMBER, 1911.

MONTHLY WEATHER REVIEW.

1869

TABLE 3.—Maximum and minimum temperatures at selected stations for December, 1911. District No. 6—Continued.

Date.	South Dakota.				Colorado.				Nebraska.												Oakdale.		Omaha.					
	Rapid City.		Water-town.		Yankton.		Denver.		Wray.		Alma.		Bridge-port.		Grand Island. §§		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	53	33	35	15	46	20	46	20	53	23	57	24	55	20	54	31	47	27	52	32	54	31	55	26	48	28	51	33
2....	51	34	37	16	50	26	52	26	54	23	59	25	49	20	55	28	44	27	56	24	52	27	54	24	52	22	51	31
3....	47	26	30	16	34	22	57	22	57	16	45	25	55	12	41	27	50	20	55	26	39	27	51	20	42	22	39	27
4....	57	33	44	16	52	26	66	32	65	18	54	19	59	9	49	23	60	15	49	24	48	25	54	17	48	20	46	25
5....	56	30	40	19	53	30	61	30	52	13	56	22	57	10	50	25	54	15	53	28	55	31	49	15	51	23	54	31
6....	49	26	40	16	52	26	56	26	58	21	47	23	54	19	52	28	48	34	48	34	50	32	55	20	52	26	47	34
7....	47	26	39	13	45	18	50	24	58	24	46	18	50	20	48	20	47	22	50	17	49	20	48	18	45	12	48	28
8....	50	20	41	12	50	27	57	23	57	20	46	25	55	12	52	26	51	20	54	35	54	34	54	18	51	22	50	39
9....	55	32	46	18	52	31	51	21	42	17	40	24	51	5	44	26	47	17	40	23	42	26	44	15	50	24	42	30
10....	40	28	81	20	40	31	35	24	43	25	45	24	38	24	45	34	38	23	45	37	45	34	44	19	39	25	44	36
11....	36	24	28	19	38	24	36	17	42	16	45	21	37	11	43	21	35	18	42	27	39	29	42	14	38	18	36	31
12....	41	26	40	17	42	20	42	16	46	11	50	19	41	12	49	27	38	15	45	25	45	28	46	14	43	18	43	29
13....	38	26	35	18	43	20	26	10	38	17	49	19	34	15	43	21	38	15	45	22	45	27	41	19	42	17	45	29
14....	38	26	38	17	44	23	37	7	42	10	45	18	39	-1	46	21	38	11	45	20	47	25	41	10	42	19	45	27
15....	38	22	19	14	33	19	41	14	45	14	47	16	40	15	44	20	34	18	45	22	42	26	43	15	37	16	42	30
16....	24	20	15	9	20	16	42	16	48	12	30	25	34	7	39	24	25	12	33	27	31	27	29	20	27	19	30	26
17....	35	16	21	9	25	16	32	14	27	13	32	28	45	12	35	29	37	13	33	29	31	27	35	23	27	19	29	25
18....	27	22	31	11	28	20	27	20	30	25	34	29	32	25	32	28	24	34	29	33	26	30	25	27	20	31	25	31
19....	37	22	30	19	31	26	30	21	32	25	33	29	32	24	32	20	35	24	34	30	35	30	30	27	31	25	34	29
20....	31	22	28	19	30	25	25	16	27	20	32	28	27	21	32	24	30	26	34	27	27	20	27	24	33	27	33	27
21....	23	15	25	22	32	28	32	8	27	9	29	20	29	10	29	26	22	14	32	29	36	18	21	4	30	26	34	30
22....	41	15	27	6	28	15	40	7	29	3	32	6	28	9	30	7	31	14	29	10	30	16	26	4	28	8	30	25
23....	50	22	31	8	85	6	54	23	46	10	35	13	39	10	35	14	42	18	35	13	38	15	33	11	35	3	37	15
24....	28	2	21	17	33	10	26	16	34	3	33	10	32	2	32	13	34	14	34	8	32	15	30	-2	30	0	31	19
25....	21	-1	17	-2	21	1	20	1	28	0	24	12	24	-4	20	8	22	-9	21	8	21	9	22	-2	20	-5	21	11
Mns....	34.0	16.5	26.1	9.8	33.1	15.9	39.7	15.2	39.8	11.0	37.0	17.3	36.9	6.5	36.1	18.4	33.5	12.3	37.2	20.1	36.8	20.9	34.7	11.0	33.3	13.4	35.5	22.8

Date.	Nebraska.		Iowa.				Kansas.				Missouri.																
	Valentine.		Clarinda. §§		Sibley. §§		Sioux City.		Colby.		Concordia.		Salina.		Topeka.		Wakeeney.		Columbia.		Kansas City.		St. Louis.		Unionville. §§		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1....	49	29	56	26	43	20	46	32	58	25	58	32	55	30	56	35	55	32	49	29	52	38	50	34	50	20	
2....	48	28	48	22	43	18	50	27	56	26	59	31	54	25	62	32	56	26	60	36	50	34	44	30	44	28	
3....	44	27	37	26	30	20	34	24	54	20	46	30	45	30	42	27	51	28	41	25	44	30	49	28	40	28	
4....	65	25	42	17	45	17	48	23	55	15	50	24	47	24	45	23	51	21	41	20	43	25	40	26	38	20	
5....	62	22	52	20	48	24	51	27	55	12	54	34	51	27	52	32	56	22	51	28	50	30	47	30	45	26	
6....	50	25	50	23	45	26	48	30	55	22	51	29	56	38	52	36	53	28	54	32	53	38	56	34	55	28	
7....	51	18	52	20	44	14	43	20	50	20	50	22	49	25	54	44	61	26	67	39	56	47	43	55	35	56	25
8....	54	20	50	21	45	15	47	31	55	25	55	32	50	38	56	40	58	30	57	48	58	46	52	40	54	34	
9....	55	21	55	22	52	25	45	30	43	17	42	27	47	36	57	35	46	26	57	48	57	44	61	53	54	34	
10....	42	24	47	22	38	26	42	38	45	23	47	38	51	38	58	40	45	31	57	41	65	48	55	38	53	28	
11....	88	16	40	31	30	28	35	27	42	15	45	28	46	30	50	32	46	28	52	32	50	33	48	41	45	32	
12....	42	13	43	24	39	22	41	25	48	14	46	28	46	26	48	27	46	26	47	29	42	31	40	24	42	24	
13....	39	19	48	21	39	18	43	24	44	14	50	25	34	23	51	26	46	20	47	25	49	35	38	25	35	22	
14....	42	14	45	22	41	18	43	26	44	11	46	23	44	22	50	23	45	21	43	23	47	30	37	27	43	26	
15....	36	17	44	22	29	18	34	23	48	12	43	28	46	22	42	26	46	20	46	21	44	33	41	31	46	23	
16....	24	20	32	22	20	14	24	18	45	12	34	28	38	26	40	29	37	16	33	29	39	29	34	31	34	26	
17....	34	19	32	25	28	14	27	19	43	13	35	3															